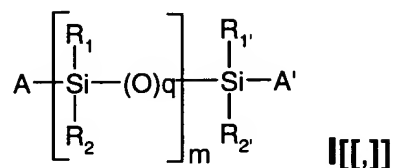


## In the Claims

1. **(currently amended)** A process for preparing organosilicon group containing photoinitiators of the formula I



wherein

**m** is a number from 1 to 200;

**q** is 0 or 1;

**A** is  $\text{IN}-\text{C}(\text{O})-\text{O}-\text{CHR}_3-\text{Y}-$  or  $\text{IN}-\text{C}(\text{O})-\text{NH}-\text{CHR}_3-\text{Y}-$ ;

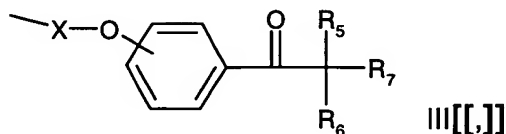
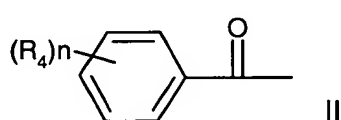
**A'** is A or  $\text{R}_{1'}$ ;

**$\text{R}_1$  and  $\text{R}_{1'}$ ,  $\text{R}_2$  and  $\text{R}_{2'}$**  independently of one another are  $\text{C}_1$ - $\text{C}_{18}$ alkyl or phenyl[[,]] or  $-(\text{O})_q-\text{SiR}_1\text{R}_{1'}\text{R}_2$ ;

**$\text{R}_3$**  is hydrogen or  $\text{C}_1$ - $\text{C}_6$ alkyl,

**Y** is a divalent group selected from  $\text{C}_1$ - $\text{C}_{10}$ alkylene,  $\text{C}_2$ - $\text{C}_{10}$ alkenylene or  $-(\text{CH}_2)_b-\text{O}-(\text{CH}_2)_a-$ ; **a and b** are each independently of the other a number of 1 to 6;

**IN** is a photolabile functional moiety of the formula II or III



wherein

**$\text{R}_4$**  is hydrogen or  $-\text{C}(\text{O})-\text{C}(\text{O})-\text{OH}$  or  $-\text{C}(\text{O})-\text{C}(\text{O})-\text{OC}_1$ - $\text{C}_6$ alkyl and **n** is 1-3;

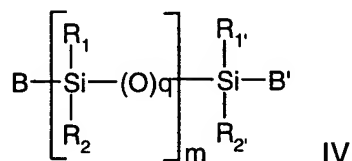
**$\text{R}_5$  and  $\text{R}_6$**  are  $\text{C}_1$ - $\text{C}_{12}$ alkyl or together are cyclo $\text{C}_5$ - $\text{C}_7$ alkyl;

**$\text{R}_7$**  is hydroxy,  $\text{C}_1$ - $\text{C}_6$ alkoxy or morpholinyl;

**X** is  $-(\text{CH}_2)_a-$ ,  $-(\text{CH}_2)_b-\text{O}-(\text{CH}_2)_a-$  or  $-(\text{CH}_2)_b-\text{O}-\text{CO}-(\text{CH}_2)_a-$ ; **a and b** are each independently of the other a number of 1 to 6;

whereby the which process comprises

reacting is characterized in that a photolabile functional moiety containing a carboxy group (IN-COOH) or an alkoxy carbonyl group (IN-CO-OC<sub>1</sub>-C<sub>6</sub>alkyl) is ~~reacted~~ with a carbinol ~~[[ - ]]~~ or amino terminated organosilicon compound of the formula IV



wherein m, R<sub>1</sub> and R<sub>1'</sub>, R<sub>2</sub> and R<sub>2'</sub> are as defined above and

**B** is -Y-CHR<sub>3</sub>-OH or -Y-CHR<sub>3</sub>-NH<sub>2</sub>;

**B'** is B or R<sub>1'</sub>,

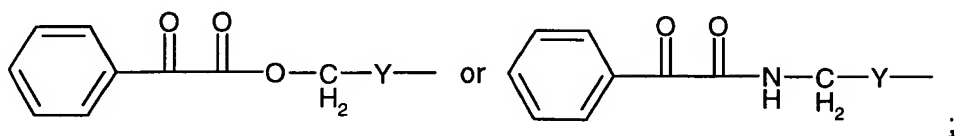
in the presence of an enzyme which catalyzes the esterification, transesterification or amidation reaction.

**2. (currently amended)** A process according to claim 1, wherein

**m** is a number from 1 to 20;

**q** is 0 or 1;

**A** is a group



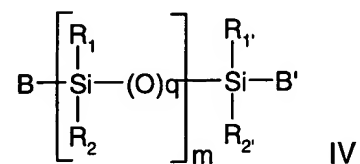
**A'** is A or R<sub>1'</sub>;

**R<sub>1</sub> and R<sub>1'</sub>, R<sub>2</sub> and R<sub>2'</sub>** independently of one another are methyl, -O-Si(CH<sub>3</sub>)<sub>3</sub> or -Si(CH<sub>3</sub>)<sub>3</sub>;

**Y** is a divalent group ~~selected from~~ C<sub>1</sub>-C<sub>10</sub>alkylene, C<sub>2</sub>-C<sub>10</sub>alkenylene or -(CH<sub>2</sub>)<sub>b</sub>-O-(CH<sub>2</sub>)<sub>a</sub>-; **a and b** are each independently of the other a number of 1 to 6;

whereby the which process comprises ~~is characterized in that~~

reacting a photolabile functional moiety containing a carboxy group (IN-COOH ) or an alkoxycarbonyl group (IN-CO-OC<sub>1</sub>-C<sub>6</sub>alkyl) ~~is reacted~~ with a carbinol[[~~-~~]] or amino terminated organosilicon compound of the formula IV



wherein m, R<sub>1</sub> and R<sub>1</sub>', R<sub>2</sub> and R<sub>2</sub>' are as defined above and

**B** is -Y-CH<sub>2</sub>-OH or -Y-CH<sub>2</sub>-NH<sub>2</sub>;

**B'** is B or R<sub>1</sub>';

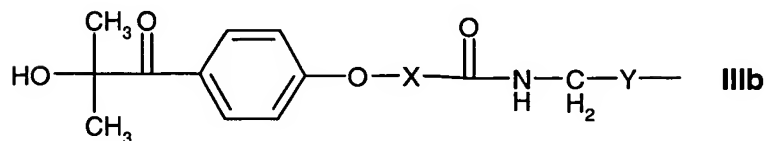
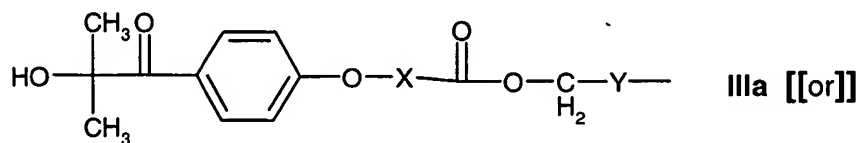
in the presence of an enzyme selected from the group consisting of esterases, lipases and/or proteases.

**3. (currently amended)** A process according to claim 1, wherein

**m** is a number from 1 to 20;

**q** is 0 or 1;

**A** is a group of the formula IIIa or IIIb



**A'** is A or R<sub>1</sub>';

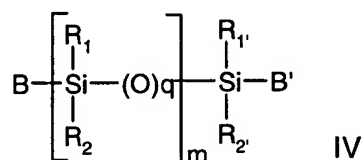
**R<sub>1</sub> and R<sub>1</sub>'**, **R<sub>2</sub> and R<sub>2</sub>'** independently of one another are methyl, -O-Si(CH<sub>3</sub>)<sub>3</sub> or -Si(CH<sub>3</sub>)<sub>3</sub>;

**Y** is a divalent group ~~selected from~~ C<sub>1</sub>-C<sub>10</sub>alkylene, C<sub>2</sub>-C<sub>10</sub>alkenylene or  
-(CH<sub>2</sub>)<sub>b</sub>-O-(CH<sub>2</sub>)<sub>a</sub>-; **a and b** are each independently of the other a number of 1 to 6;

**X** is -(CH<sub>2</sub>)<sub>a</sub>-, -(CH<sub>2</sub>)<sub>b</sub>-O-(CH<sub>2</sub>)<sub>a</sub>- or -(CH<sub>2</sub>)<sub>b</sub>-O-CO-(CH<sub>2</sub>)<sub>a</sub>-; **a and b** are each independently of the other a number of 1 to 6;

~~whereby the~~which process comprises ~~is characterized in that~~

reacting a photolabile functional moiety containing a carboxy group (IN-COOH) or an alkoxycarbonyl group (IN-CO-OC<sub>1</sub>-C<sub>6</sub>alkyl) ~~is reacted~~ with a carbinol ~~[[ - ]]~~ or amino terminated organosilicon compound of the formula IV



wherein m, R<sub>1</sub> and R<sub>1</sub>', R<sub>2</sub> and R<sub>2</sub>' are as defined above and

**B** is -Y-CH<sub>2</sub>-OH or -Y-CH<sub>2</sub>-NH<sub>2</sub>;

**B'** is B or R<sub>1</sub>';

in the presence of an enzyme selected from the group consisting of esterases, lipases and proteases.

**4. (currently amended)** A process according to claim 1 ~~any one of claims 1 to 3~~, wherein the enzyme is immobilized on a support.

**5. (currently amended)** A process according to claim 1 ~~any one of claims 1 to 4~~, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.

6. **(new)** A process according to claim 2, wherein the enzyme is immobilized on a support.

7. **(new)** A process according to claim 3, wherein the enzyme is immobilized on a support.

8. **(new)** A process according to claim 2, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.

9. **(new)** A process according to claim 3, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.

10. **(new)** A process according to claim 4, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.

11. **(new)** A process according to claim 6, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.

12. **(new)** A process according to claim 7, wherein the reaction is carried out at a temperature in the range from 25°C to 75°C.